



SEQUENCE LISTING

<110> Connex-Gesellschaft zur Optimierung von Forschung und
Entwicklung mbH
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
(I.N.S.E.R.M)

<120> Anti Hepatitis C virus antibody and uses thereof

<130> b3030pct

<140> 09/744,176

<141> 2001-07-20

<150> ep 98 11 35 95.7

<151> 1998-07-21

<160> 22

<170> PatentIn version 3.2

<210> 1

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(324)

<400> 1

tct tac gag ctc acg cag ccg ccc tcg gtg tca gtg tcc cca gga cag 48
Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1 5 10 15

acg gcc agg atc acc tgc tct gga gat gca ttg cca aag caa tat gct 96
Thr Ala Arg Ile Thr Cys Ser Gly Asp Ala Leu Pro Lys Gln Tyr Ala
20 25 30

tac tgg tat cag cag aag cca ggc cag gcc cct gtg ttg gtg ata tat 144
Tyr Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
35 40 45

aaa gat aat gag agg ccc tca ggg atc cct gag cga ttc tct ggc tcc 192
Lys Asp Asn Glu Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50 55 60

agg tca ggg aca aca gtc acg ttg acc atc agt gga gtc cag gca gaa 240
Arg Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

gac gag gct gac tat tac tgt caa tca gca gac agc agt ggt tct tcc 288
Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Ser Ser
85 90 95

tgg gtg ttc ggc gga ggg acc aag ctg acc gtc cta 324

Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 2
<211> 108
<212> PRT
<213> Homo sapiens

<400> 2

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1 5 10 15

Thr Ala Arg Ile Thr Cys Ser Gly Asp Ala Leu Pro Lys Gln Tyr Ala
20 25 30

Tyr Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
35 40 45

Lys Asp Asn Glu Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50 55 60

Arg Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Ser Ser
85 90 95

Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 3
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)..(351)

<400> 3

cag gtg cag cta cag cag tgg ggc gca gga ctg ttg aag cct tcg gag
Gln Val Gln Leu Gln Gln Trp Gly Ala Gly Leu Leu Lys Pro Ser Glu
1 5 10 15

48

acc ctg tcc ctc acc tgc gct gtc tat ggt ggg tcc tta agt ggt tac
Thr Leu Ser Leu Thr Cys Ala Val Tyr Gly Gly Ser Leu Ser Gly Tyr
20 25 30

96

ttc tgg acc tgg atc cgc cag tcc ccc ggg aag ggg ctg gag tgg att	144
Phe Trp Thr Trp Ile Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile	
35 40 45	
ggg gaa agc aat tat agt gga agt acc agg tac aac ccg tcc ctc aag	192
Gly Glu Ser Asn Tyr Ser Gly Ser Thr Arg Tyr Asn Pro Ser Leu Lys	
50 55 60	
agt cga gtc acc ata tca gta gac acg tcc cag aac cag ttc tcc ctg	240
Ser Arg Val Thr Ile Ser Val Asp Thr Ser Gln Asn Gln Phe Ser Leu	
65 70 75 80	
aag ctg agc tct gtg acc gcc gcg gac acg gct gta tat tac tgt gcg	288
Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala	
85 90 95	
aga ggt tgg gcg gtg gac ggt atg gac gtc tgg ggc caa ggg acc acg	336
Arg Gly Trp Ala Val Asp Gly Met Asp Val Trp Gly Gln Gly Thr Thr	
100 105 110	
gtc acc gtc tcc tca	351
Val Thr Val Ser Ser	
115	

<210> 4
 <211> 117
 <212> PRT
 <213> Homo sapiens

<400> 4

Gln Val Gln Leu Gln Gln Trp Gly Ala Gly Leu Leu Lys Pro Ser Glu	
1 5 10 15	
Thr Leu Ser Leu Thr Cys Ala Val Tyr Gly Gly Ser Leu Ser Gly Tyr	
20 25 30	
Phe Trp Thr Trp Ile Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile	
35 40 45	
Gly Glu Ser Asn Tyr Ser Gly Ser Thr Arg Tyr Asn Pro Ser Leu Lys	
50 55 60	
Ser Arg Val Thr Ile Ser Val Asp Thr Ser Gln Asn Gln Phe Ser Leu	
65 70 75 80	
Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala	
85 90 95	

Arg Gly Trp Ala Val Asp Gly Met Asp Val Trp Gly Gln Gly Thr Thr
 100 105 110

Val Thr Val Ser Ser
 115

<210> 5
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <221> CDS
 <222> (1)..(324)

<400> 5
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 Ser Ser Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
 1 5 10 15

acg gcc agg atc acc tgc tct gga gat gca ttg cca aag caa tat gct 96
 Thr Ala Arg Ile Thr Cys Ser Gly Asp Ala Leu Pro Lys Gln Tyr Ala
 20 25 30

B' tac tgg tat cag cag aag cca ggc cag gcc cct gtg ttg gtg ata tat 144
 Tyr Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
 35 40 45

aaa gat aat gag agg ccc tca ggg atc cct gag cga ttc tct ggc tcc 192
 Lys Asp Asn Glu Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
 50 55 60

agg tca ggg aca aca gtc acg ttg acc atc agt gga gtc cag gca gaa 240
 Arg Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
 65 70 75 80

gac gag gct gac tat tac tgt caa tca gca gac agc agt ggt tct tcc 288
 Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Ser Ser
 85 90 95

tgg gtg ttc ggc gga ggg acc aag ctg acc gtc cta 324
 Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
 100 105

<210> 6
 <211> 108
 <212> PRT
 <213> Homo sapiens

<400> 6

Ser Ser Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
 1 5 10 15

Thr Ala Arg Ile Thr Cys Ser Gly Asp Ala Leu Pro Lys Gln Tyr Ala
20 25 30

Tyr Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
35 40 45

Lys Asp Asn Glu Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50 55 60

Arg Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Ser Ser
85 90 95

Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

B1
<210> 7
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Poly C Sense Primer-5' AncTail

<400> 7
cgtcgatgag ctctagaatt cccccccccc cccc

34

<210> 8
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VH Primer Set: VH1, 3, 5, 7

<400> 8
aggtgcagct gctcgagtct gg

22

<210> 9
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VH Primer Set: VH2

<220>
<221> misc_feature
<222> (4)..(4)
<223> "n" is "a" or "g"

<400> 9
cagntcacct tgctcgagtc tgg 23

<210> 10
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VH Primer Set: VH4

<400> 10
caggtgcagc tgctcgagtc ggg 23

<210> 11
<211> 23
<212> DNA
<213> Artificial Sequence

B1
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<223> 5'-VH Primer Set: VH4B

<400> 11
caggtgcagc tactcgagtg ggg 23

<210> 12
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VH Primer Set: VH6

<400> 12
caggtacagc tgctcgagtc agg 23

<210> 13
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> 3'-VH Primer: CGd1

<400> 13
gcatgtacta gttttgtcac aagatttgg 29

<210> 14
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VL Primer Set: VL1

<400> 14
aattttgagc tcactcagcc ccac

24

<210> 15
<211> 27
<212> DNA
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<220>
<223> 5'-VL Primer Set: VL2

<400> 15
tctgccgagc tccagcctgc ctccgtg

27

61
<210> 16
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VL Primer Set: VL3

<400> 16
tctgtggagc tccagccgcc ctcaagtg

27

<210> 17
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VL Primer Set: VL4

<400> 17
tctgaagagc tccaggaccc tgttgtgtct gtg

33

<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VL Primer Set: VL5

<400> 18
cagtctgagc tcacgcagcc gccc

24

<210> 19
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VL Primer Set: VL6

<400> 19
cagactgagc tcactcagga gccc


24

<210> 20
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VL Primer Set: VL7

<400> 20
caggttgagc tcactcaacc gccc

24

 <210> 21
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-VL Primer Set: VL8

<400> 21
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27

<210> 22
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> 3'-VL Primer: CL2

<400> 22
cgccgtctag aattatgaac attctgtagg

30
